

AMENDMENTS TO THE CLAIMS

What Is Claimed Is:

- 1-18. (Cancelled).
19. (Previously Added) A printed article manufactured by the method comprising:
- (a) providing a first substrate having a first side and a second side, and
 - (b) applying a treatment mixture to said first side of said first substrate, said treatment mixture comprising: (i) a reactive dye fixing/receiving composition, said dye fixing/receiving composition including an amine-containing cationic compound, said dye fixing/receiving composition being disposed upon said first side of said textile substrate, and (ii) a UV absorber, thereby forming a treated substrate; and
 - (c) heating said treated substrate to a temperature of at least about 100 degrees Centigrade, thereby facilitating the activation and bonding of said amine-containing cationic compounds to fix said amine-containing compounds upon said first substrate; and
 - (d) applying an ink having an ionic dye upon said first side of said treated textile substrate to form a printed substrate, thereby facilitating chemical interaction of said ionic dye with said amine-containing cationic compound.
20. (Previously Added) The article according to claim 19, wherein said treatment mixture additionally comprises a binder.
21. (Previously Added) The article of claim 20, wherein said binder is selected from the group of binders comprising: latex binders and resin binders.
22. (Previously Added) The article according to claim 19 wherein said temperature is between about 100 and 150 degrees Centigrade.
23. (Previously Added) The article of claim 19 wherein UV absorber is selected from the group consisting of: azole-containing compounds and phenone-containing compounds.

24. (Previously Added) The article of claim 19 wherein said UV absorber is selected from the group consisting of: benzyltriazoles, hydroxylphenones, and dihydroxybenzylphenones.
25. (Previously Added) The article of claim 19 wherein said ink fixing/receiving composition further comprises an agent selected from the group consisting of: silica, silicate, calcium carbonate, aluminum oxide, aluminum hydroxide, and titanium dioxide.
26. (Previously Added) The article of claim 19 wherein said amine-containing cationic compound comprises a charge density of at least about 2 milliequivalents per gram.
27. (Previously Added) The article of claim 19 wherein said amine-containing cationic compound further comprises a reactive group selected from the group consisting of: epoxides, isocyanates, vinylsulphones, and halo-triazines.
28. (Previously Added) The article of claim 19 wherein said article further comprises a thermoplastic or thermosetting polymeric binder material.
29. (Previously Added) The article of claim 19 additionally comprising an antimicrobial agent.
30. (Previously Added) A printed article manufactured by the method comprising:
 - (a) providing a first substrate having a first side and a second side, and
 - (b) applying a treatment mixture to said first side of said first substrate, said treatment mixture comprising: (i) a reactive dye fixing/receiving composition, said dye fixing/receiving composition including an amine-containing cationic compound, said dye fixing/receiving composition being disposed upon said first side of said textile substrate, and (ii) a UV absorber, thereby forming a treated substrate; and
 - (c) wherein said UV absorber comprises from about 0.1% to about 10% by weight of said article; and

(d) applying an ink having an ionic dye upon said first side of said treated textile substrate to form a printed substrate, thereby facilitating chemical interaction of said ionic dye with said amine-containing cationic compound.

31. (Previously Added) The article of claim 30, wherein said application step (d) comprises ink jet type printing.
32. (Previously Added) The article of claim 30, wherein said treatment mixture further comprises a binder, said binder being selected from the group of binders comprising: latex binders and resin binders.
33. (Previously Added) The article according to claim 30 wherein following said application step (b) said treated substrate is heated to a temperature of at least about 100 degrees Centigrade.
34. (Previously Added) The article of claim 30 wherein UV absorber is selected from the group consisting of: azole-containing compounds and phenone-containing compounds.
35. (Previously Added) The article of claim 30 wherein said UV absorber is selected from the group consisting of: benzyltriazoles, hydroxyphenones, and dihydroxybenzylphenones.
36. (Previously Added) The article of claim 30 wherein said ink fixing/receiving composition further comprises an agent selected from the group consisting of: silica, silicate, calcium carbonate, aluminum oxide, aluminum hydroxide, and titanium dioxide.
37. (Previously Added) The article of claim 30 wherein said amine-containing cationic compound comprises a charge density of at least about 2 milliequivalents per gram.
38. (Previously Added) The article of claim 30 wherein said amine-containing cationic compound further comprises a reactive group selected from the group consisting of: epoxides, isocyanates, vinylsulphones, and halo-triazines.

39. (Previously Added) The article of claim 30 wherein said article further comprises a thermoplastic or thermosetting polymeric binder material.
40. (Previously Added) The article of claim 30 additionally comprising an antimicrobial agent.
41. (Previously Added) A printed article manufactured by the method comprising:
 - (a) providing a first substrate having a first side and a second side, and
 - (b) applying a treatment mixture to said first side of said first substrate, said treatment mixture comprising: (i) a reactive dye fixing/receiving composition, said dye fixing/receiving composition including an amine-containing cationic compound, said dye fixing/receiving composition being disposed upon said first side of said textile substrate, and (ii) a UV absorber, wherein said UV absorber is selected from the group comprising: phenone-containing compounds and azole-containing compounds, thereby forming a treated substrate; and
 - (c) applying an ink having an ionic dye upon said first side of said treated textile substrate to form a printed substrate, thereby facilitating chemical interaction of said ionic dye with said amine-containing cationic compound.
42. (Previously Added) The article of claim 41, wherein said application step (c) comprises ink jet type printing.
43. (Previously Added) The article of claim 41, wherein said treatment mixture further comprises a binder, said binder being selected from the group of binders comprising: latex binders and resin binders.
44. (Previously Added) The article according to claim 41 wherein following said application step (b) said treated substrate is heated to a temperature of at least about 100 degrees Centigrade.
45. (Previously Added) The article of claim 41 wherein said UV absorber is applied so as to result in an article having a weight of UV absorber of between about 0.1% and about 10% of the weight of the article.

46. (Previously Added) The article of claim 41 wherein said UV absorber is selected from the group consisting of: benzyltriazoles, hydroxylphenones, and dihydroxybenzylphenones.
47. (Previously Added) The article of claim 41 wherein said ink fixing/receiving composition further comprises an agent selected from the group consisting of: silica, silicate, calcium carbonate, aluminum oxide, aluminum hydroxide, and titanium dioxide.
48. (Previously Added) The article of claim 41 wherein said amine-containing cationic compound comprises a charge density of at least about 2 milliequivalents per gram.
49. (Previously Added) The article of claim 41 wherein said amine-containing cationic compound further comprises a reactive group selected from the group consisting of: epoxides, isocyanates, vinylsulphones, and halo-triazines
50. (Previously Added) The article of claim 41 wherein said article further comprises a thermoplastic or thermosetting polymeric binder material.
51. (Previously Added) The article of claim 41 additionally comprising an antimicrobial agent.
52. (New) The article of claim 19, wherein the ionic dye comprises a reactive dye.
53. (New) The article of claim 19, wherein the ionic dye is an ionic dye selected from the group consisting of direct dye and acid dye.
54. (New) The article of claim 30, wherein the ionic dye comprises a reactive dye.
55. (New) The article of claim 30, wherein the ionic dye is an ionic dye selected from the group consisting of direct dye and acid dye.
56. (New) The article of claim 41, wherein the ionic dye comprises a reactive dye.
57. (New) The article of claim 41, wherein the ionic dye is an ionic dye selected from the group consisting of direct dye and acid dye.